

FEDERAL SPECIFICATION SHEET

CONNECTOR, RECEPTACLE, ELECTRICAL, SPECIFIC PURPOSE, SINGLE, GROUNDING,
 LOCKING, 2 POLE, 3 WIRE, 30 AMPERES, 28 VOLTS, DIRECT CURRENT

This specification was approved by the Commissioner, Federal Supply Service,
 General Services Administration, for the use of all Federal agencies.

The requirements for acquiring the connector described herein shall
 consist of this specification and the latest issue of W-C-596.

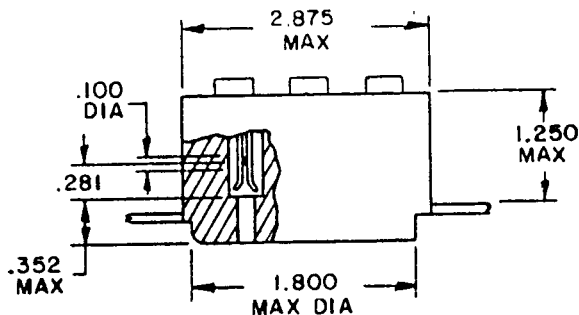
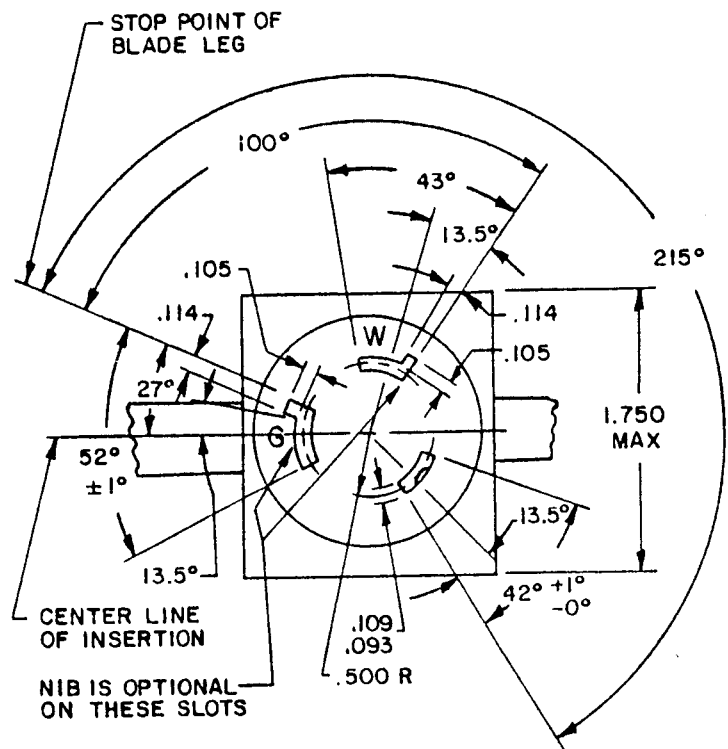


FIGURE 1. Connector mounting configuration.

Inches	mm
.093	2.36
.100	2.54
.105	2.67
.109	2.77
.114	2.90
.281	7.14
.352	8.94
.500	12.70
1.250	31.75
1.750	44.45
1.800	45.72
2.875	73.02



NOTES:

1. For mounting dimensions see figure 11 configuration A of basic specification.
2. Dimensions are in inches.
3. Metric equivalents are given for general information only.
4. Unless otherwise specified, tolerance is $\pm .005$ (0.13 mm) on all decimals and $\pm .5^\circ$ on angles.

FIGURE 2. Connector design and configuration.

(A) denotes changes

REQUIREMENTS:

Design and configuration: See figures 1 and 2.

Ratings:

Voltage: 28 volts.
Current: 30 amperes.
Frequency: Direct current.

Ⓐ Vibration: Method 204 of MIL-STD-202, test condition B (WC596/148-2 only).

Ⓐ Shock: Method 213 of MIL-STD-202, test condition I (WC596/148-2 only).

Mating connector: W-C-596/149.

Part number: WC596/148-1, WC596/148-2 (ruggedized).

CONCLUDING MATERIAL

Custodians:

Army - CR
Navy - YD
Air Force - 85

Review activities:

Army - MI
Navy - EC, AS
Air Force - 11, 99

User activities:

Army - ME, AV
Navy - MC, SH

Preparing activity:

DLA - ES

Civil agency coordinating activities:

DCGOVT - DCG
DOT - ACO
GSA - FSS, PCD
HEW - FEC
Interior - BPA
USDA - BPA

(Project 5935-3660-01)

Orders for this publication are to be placed with General Services Administration, acting as an agent for the Superintendent of Documents. See section 2 of the general specification to obtain extra copies and other documents referenced herein.